



PL-L

16PL-L/COR/36-5CCT/MF20/G/4P 10/1

CorePro, LED, PL-L, 16 W, 2700 K, 3000 K, 3500 K, 4000 K, 5000 K, 1900 lm, 1900 lm, 1900 lm, 2000 lm, 2000 lm, 50000 hour(s)

Philips MainsFit (UL Type B) LED lamps make the transition to LED from CFL lamps as simple as replacing a lamp. With a wide array of color temperatures, the InstantFit LED lamps can quickly and effectively replace compact fluorescent lamps.

Product data

General Information		Power Consumption	
Cap-Base	2G11	Lamp Current (Max)	165 mA
Nominal lifetime	50,000 hour(s)	Lamp Current (Min)	75 mA
Switching Cycle	50,000	Wattage Equivalent	36 W
Lighting Technology	LED	Starting Time (Nom)	0.5 s
		Warm-up time to 60% light	0.5 s
		Power Factor (Fraction)	0.9
		Voltage (Nom)	120-277 V
Light Technical		Temperature	
Color Code	2700/3000/3500/4000/5000	T-Case Maximum (Nom)	167 °F
Beam Angle (Nom)	140 degree(s)		
Luminous Flux	1,900 1,900 1,900 2,000 2,000 lm	Controls and Dimming	
Color Designation	2700/3000/3500/4000/5000	Dimmable	Only with specific dimmers
Correlated Color Temperature (Nom)	2700 3000 3500 4000 5000 K	Mechanical and Housing	
Luminous Efficacy (rated) (Nom)	125 lm/W	Bulb Finish	Frosted
Color Consistency	<6	Bulb Material	Glass
Color rendering index (CRI)	82	Product Length	16 inch
LLMF At End Of Nominal Lifetime (Nom)	70 %		
Operating and Electrical			
Input Frequency	50 to 60 Hz		

PL-L

Bulb Shape	PL-L
Net Weight (Piece)	0.287 lb

Approval and Application

EU RoHS compliant	Yes
Ambient temperature range	-4 to +113 °F

Application Conditions

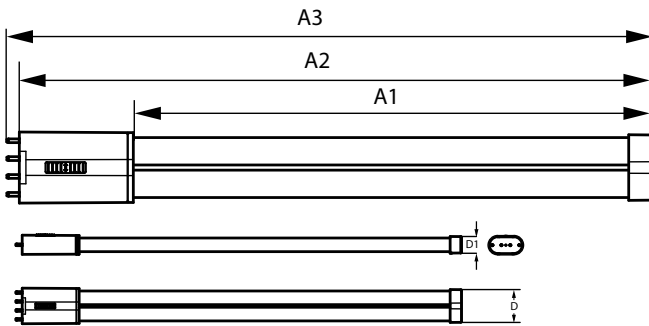
can it be used in closed luminaires	Yes
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Product Data

Order product name	16PL-L/COR/36-5CCT/MF20/G/4P 10/1
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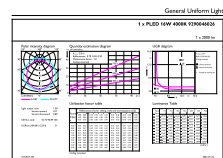
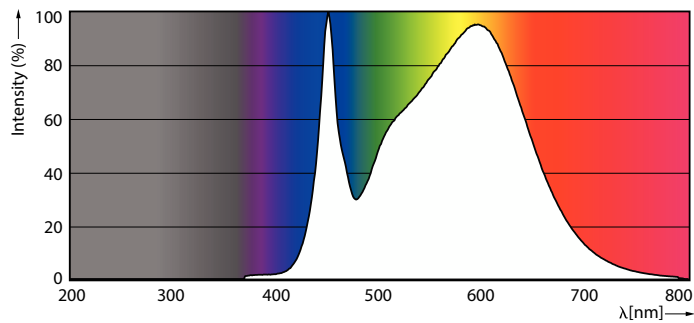
Full product name	16PL-L/COR/36-5CCT/MF20/G/4P 10/1
Order code	607143
Material Nr. (12NC)	929004602604
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677607142
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677607147

Dimensional drawing



Product	D1	D	A1	A2	A3
16PL-L/COR/36-5CCT/ MF20/G/4P 10/1	7/8 inch	1-5/8 inch	13-1/4 inch	16 inch	16-3/8 inch

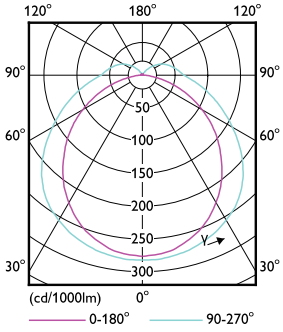
Photometric data



Spectral Power Distribution Colour - 16PL-L/COR/36-5CCT/MF20/G/4P 10/1

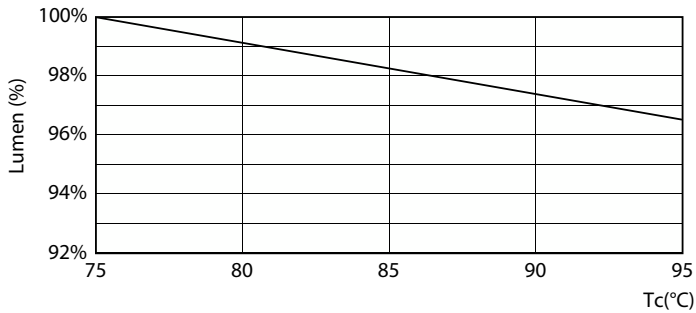
General uniform lighting - 16PL-L/COR/36-5CCT/MF20/G/4P 10/1

Photometric data

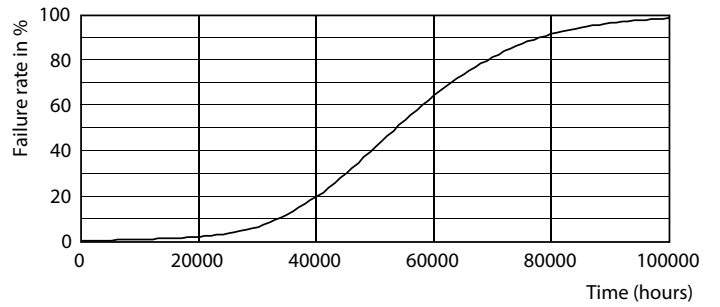


Light Distribution Diagram - 16PL-L/COR/36-5CCT/MF20/G/4P 10/1

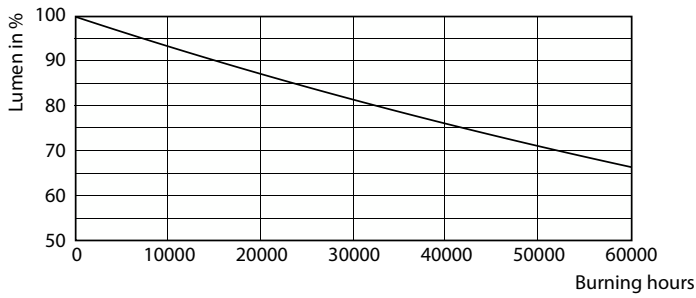
Lifetime



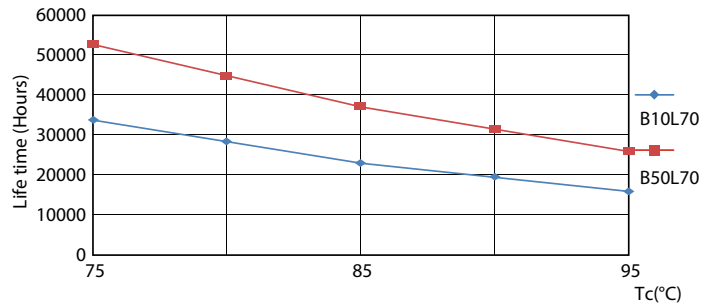
Lumen Maintenance Diagram - 16PL-L/COR/36-5CCT/MF20/G/4P 10/1



Life Expectancy Diagram

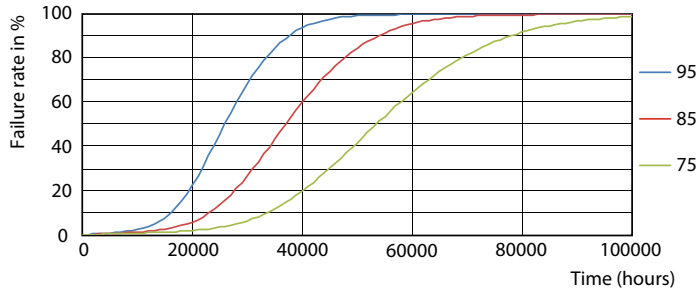


Lumen Maintenance Diagram - 16PL-L/COR/36-5CCT/MF20/G/4P 10/1



LEDtube 50K 7595 LifetimeVsTc-LED

Lifetime



LEDtube 50K 7595 FailureRate-LED

